

DERWENT-ACC-NO: 2002-342756

DERWENT-WEEK: 200618

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TITLE: GSM/UMTS dual band mobile telephone receiver having antenna with first/second channel receiver and common mixer with selectable channel/local oscillator frequency providing common channel intermediate frequency .

INVENTOR: ROMAO, F

PATENT-ASSIGNEE: SAGEM SA[SAGE] , SAGEM COMMUNICATION[SAGE]

PRIORITY-DATA: 2000FR-0011432 (September 7, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 1193887 B8	March 8, 2006	F	000	H04B 001/28
FR 2813724 A1	March 8, 2002	N/A	023	H04B 001/26
EP 1193887 A1	April 3, 2002	F	000	H04B 001/28
EP 1193887 B1	December 7, 2005	F	000	H04B 001/28
DE 60115572 E	January 12, 2006	N/A	000	H04B 001/28

DESIGNATED-STATES: DE GB IT AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR DE GB IT

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
EP 1193887B8	N/A	2001EP-0000433	September 7, 2001
FR 2813724A1	N/A	2000FR-0011432	September 7, 2000
EP 1193887A1	N/A	2001EP-0000433	September 7, 2001
EP 1193887B1	N/A	2001EP-0000433	September 7, 2001
DE 60115572E	N/A	2001DE-0615572	September 7, 2001
DE 60115572E	N/A	2001EP-0000433	September 7, 2001
DE 60115572E	Based on	EP 1193887	N/A

INT-CL (IPC): H04B001/26, H04B001/28 , H04B001/40 , H04Q007/32

ABSTRACTED-PUB-NO: FR 2813724A

BASIC-ABSTRACT:

NOVELTY - The multiband receiver circuit has an antenna with a first and second channel receiver (106,107). Signals are switched to a common mixer (120) down converting first and second intermediate frequencies using a local oscillator (127) input. There is a pass band filter (128) allowing the filtering of the first channel received.

USE - Mobile telephone multiple band receiver.

ADVANTAGE - Provides a multiband receiver which limits the number of reception chain components dedicated to the reception of transmitter signals following a norm.

DESCRIPTION OF DRAWING(S) - The figure shows the multiple band receiver



first and second channel receiver 106,107

common mixer 120

local oscillator 127

pass band filter 128

CHOSEN-DRAWING: Dwg.3/3

TITLE-TERMS: DUAL BAND MOBILE TELEPHONE RECEIVE ANTENNA FIRST SECOND CHANNEL
RECEIVE COMMON MIX SELECT CHANNEL LOCAL OSCILLATOR FREQUENCY COMMON
CHANNEL INTERMEDIATE FREQUENCY

DERWENT-CLASS: W01 W02

EPI-CODES: W01-C01D3J; W02-B08D5; W02-G03A;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2002-269515